

ABSTRACT

A method and apparatus for real-time transmission of compressed data wherein, useful data and filling data are received as a data stream with a constant data rate via a circuit-switched connection of a first communication network, the filling data contained in the data stream with the constant data rate is removed, and the useful data contained in the data stream with the constant data rate is reformatted and sent as a data stream with a variable data rate via a packet-oriented connection of a second communications network. Efficient utilization of the transmission bandwidth is accomplished by the removal of the superfluous filling data which are received in the data stream with the constant data rate via the circuit-switched connection, and the reformatting of the useful data for the data stream with the variable data rate via the packet-oriented connection. This has a particularly favorable effect if the real-time transmission of the compressed data leads into a mobile communications network with a radio interface which is limited in terms of transmission bandwidth.